

## **MEDICAL ARTICLES INCORPORATING SURFACE CAPILLARY FIBER**

### Abstract of the Disclosure

Medical devices are described that comprise surface capillary (SCF) fibers, which  
5 can impart desirable properties to the devices. For example, implantable prostheses are  
described comprising SCF fibers. In other embodiments, catheters are described having  
SCF fibers along the surface of the catheters. In addition, SCF fibers can be useful for  
the delivery of bioactive agents in association with the fibers. Due to the fluid flow  
capabilities of the fibers, medical devices are described that incorporate fiber matrices to  
10 facilitate blood delivery to cells within the structure.